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*Supplying the Aerospace, Defense & Metal Working Industries Since 1951!*

**Minimum Order**

\$100.00 List Price

**Terms**

Net 30 days on approved credit only.  
Approved credit cards.  
Prepaid via check or wire transfer.

**No C.O.D. shipments.**

**Returns**

Return authorization is required.  
Merchandise must be sent freight prepaid to the facility from which it was purchased.  
A 20% restocking charge is applicable.

**All claims must be made within 7 days of receipt of goods.**

**Freight**

F.O.B. shipping point.

**Special Orders**

All special orders may require prepayment.

**Currency**

All prices are in US dollars.

**Overseas Customer Terms**

Same as above, only **prepayment via bank wire transfer (all fees for buyers account) or by bank check.**

US Air Tool Company (also known as USATCO) has been a family owned and operated business since 1951. We are now a US manufacturer and worldwide distributor of high quality tools for the aviation industry with offices in New York & California. In addition, from the beginning of the homebuilder era in the 1970's, USATCO has been providing tools and equipment to craftsmen around the world who build and fly their own aircraft. These "sheet-metal artists" are now flying thousands of planes built and maintained with USATCO tools.

USATCO offers the highest quality products at competitive prices, with the knowledge and experience necessary for expert advice in product selection. Our courteous staff will be pleased to assist you. And of course, all the products we offer are fully guaranteed. If you don't see what you are looking for, please don't hesitate to contact us. We work hard to provide our customers with straightforward & reliable business. Try us & see!

**USATCO.com**

Don't forget to check out USATCO Online, with monthly sales, homebuilder specials, surplus items & an easy to use interface its a great place to shop for tools on the web. **www.USATCO.com**

**Government IMPAC Cards Accepted**

**USATCO Tool Repair**

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron<sup>®</sup>, Chicago Pneumatic<sup>®</sup>, and Cooper<sup>®</sup> Power Tools (including Dotco<sup>®</sup>, Gardener Denver<sup>®</sup>, Buckeye<sup>®</sup> and Doler<sup>®</sup>). In addition, we have our own manufacturing and modification facilities. We are riveting and product assembly specialists!

We will be happy to examine your tools free of charge and give you an estimate of repair cost. Ship prepaid to any of our facilities. Please send tensiometers to our New York Lab only.

**Please ask about our tool rental policy!**

**Limited Warranty**

*If for any reason you are not completely satisfied with any item purchased from us you may request a return authorization within seven (7) days of receipt of goods. When obtained, send us the item (transportation prepaid) for replacement, repair or refund. Tools manufactured by USATCO are warrantied for one (1) year from date of purchase. We cannot assume liability for abuse, misuse or alteration of goods. Any tampering with tools or attempted repairs of same will nullify this warranty. Warranties from other manufacturers available upon request.*

## ASSEMBLY TOOLS

### Master Power® Impact Wrench



Built-in power regulator with four settings for varying torque output.

Note: Air Inlet 1/4" NPT - use 1/4" (6.4 mm) air hose. Rated @ 90 psi.

1/2" Capacity, 3/8" Square Drive				
Part No.	Torque Range	RPM	BPM	Weight
MP2276	70 to 90 ft-lbs	7500	1100	3.1 lbs (1.4 kgs)

### Jet® Impact Wrenches



- Lightweight aluminum construction reduces weight.
- One hand forward/reverse button for easy adjustments.
- The inline JAT-100 features a single hammer clutch mechanism, pistol grip JAT-102 a powerful pin clutch hammer mechanism.

Note: Air inlet 1/4" NPT (use 3/8" I.D. air hose).

3/8" Capacity Inline, 3/8" Square Drive				
Part No.	Torque Range	RPM	O.A.L.	Weight
JAT-100	5 to 50 ft-lbs (75 ft-lbs max.)	12,000	5-7/8" (149 mm)	2.0 lbs (0.91 kgs)

1/2" Capacity Pistol Grip, 1/2" Square Drive				
Part No.	Working Torque	RPM	O.A.L.	Weight
JAT-102	50 to 200 ft-lbs (250 ft-lbs max.)	8000	7-1/4" (184 mm)	5.0 lbs (2.27 kgs)

### Chicago Pneumatic® Impact Wrenches



- Rocking dog clutch and friction ring retainer type.
- CP designed clutch & heat-treated internal parts for longer tool life.
- Inline model includes swivel air inlet.

Note: All Models: 1/4" NPFT air inlet thread; 3/8" minimum hose size; Noise levels are @ 1.0m per Pneup Standard 8N-1; Vibration levels are per ISO 8662-1.

Pistol Grip, 3/8" Square Drive					
Part No.	Torque Range	RPM	BPM	O.A.L.	Weight
CP721	5 to 50 ft-lbs (75 ft-lbs max.)	11,000	1620	5-3/4" (146 mm)	2.6 lbs (1.2 kgs)

Inline, 3/8" Square Drive					
Part No.	Torque Range	RPM	BPM	O.A.L.	Weight
CP7722	5 to 65 ft-lbs (90 ft-lbs max.)	9500	1400	6-5/16" (160 mm)	2.1 lbs (1.0 kgs)

### Master Power® Inline Impact Wrench



- Butterfly throttle & swivel air inlet.
- Built-in power regulator with 4 settings for varying torque output.

Note: Air Inlet 1/4" NPT - use 1/4" (6.4 mm) air hose. Rated @ 90 psi.

3/8" Capacity, 3/8" Square Drive				
Part No.	Torque Range	RPM	BPM	Weight
MP2271	40 to 50 ft-lbs	10,500	900	2.2 lbs (1.0 kgs)



*For Hearing & Eye Protection See Pages 234-235*

Master Power® Impact Nutrunner



Ideal For Soft Joint Work

Power Of An Impact, Speed Of A Screwdriver

NEW

Detachable Belt Clip & Suspension Bail Included

- The lightest and most compact tool in its class.
- Forward/reverse lever can be positioned for right or left hand use.
- Smooth & efficient impact mechanism creates no torque action.
- Built-in power regulator with 4 settings for precise control.

Note: Air Inlet 1/4" NPT - use 1/4" (6.4 mm) air hose. Rated @ 90 psi.

1/2" Capacity, 3/8" Square Drive					
Part No.	Torque Range	BPM	RPM	O.A.L.	Weight
MP2265B	10 to 90 ft-lbs (150 ft-lbs max.)	2000	10,000	6" (152 mm)	2.2 lbs (1.0 kgs)

Chicago Pneumatic® Ratchet Wrenches



CP825

- For light duty assembly & repair work.
- Teasing throttle.

Note: Noise level @ 1.0m per Pneupod Std. 8N-1; Vibration levels are per ISO 8662-1.

1/4" Square Drive				
Part No.	Torque Range	RPM	O.A.L.	Weight
CP825	5-15 ft-lbs (15 ft-lbs max.)	200	6-1/2" (165 mm)	1.9 lbs (0.8 kgs)

3/8" Square Drive				
Part No.	Torque Range	RPM	O.A.L.	Weight
CP828	10-50 ft-lbs (50 ft-lbs max.)	150	10" (254 mm)	2.4 lbs (1.1 kgs)

1/2" Square Drive				
Part No.	Torque Range	RPM	O.A.L.	Weight
CP828H	10-50 ft-lbs (50 ft-lbs max.)	150	10" (254 mm)	2.4 lbs (1.1 kgs)

Jet® Ratchet Wrenches

Ball Bearing Construction



JAT-310

Hardened Steel Gears



JAT-312

NEW

Durable, Quality Tools



JAT-313

- Ergo grip and variable speed throttle for better speed control.
- Hardened steel gears for long tool life.
- Steel ball retainers for rapid socket changing.

5/16" Capacity, 1/4" Square Drive				
Part No.	Max. Torque	RPM	O.A.L.	Weight
JAT-310	20 ft-lbs	250	8-1/8" (206 mm)	1.5 lbs (0.68 kgs)

3/8" Capacity, 3/8" Square Drive				
Part No.	Max. Torque	RPM	O.A.L.	Weight
JAT-312	80 ft-lbs	280	10-1/4" (260 mm)	2.7 lbs (1.2 kgs)

3/8" Capacity, 1/2" Square Drive				
Part No.	Max. Torque	RPM	O.A.L.	Weight
JAT-313	80 ft-lbs	280	10-1/4" (260 mm)	2.7 lbs (1.2 kgs)

Keyless Impact Chucks



Superior Holding Power

Square Drive, Keyless Design

20-90430

Transform your impact wrench into an efficient drilling tool.

Part Number	Capacity Range	Square Drive Mount	Overall Length (open)
20-90424	3/32" to 3/8"	3/8"	2-3/32" (53 mm)
20-90430	1/8" to 1/2"	1/2"	2-5/8" (67 mm)

# ASSEMBLY TOOLS

## Micro-Adjustable Click Type Torque Wrenches

*Fast, Accurate & Easy To Set*



501MRMH

- Single scale, calibrated single direction.
- Positive lock with spring-loaded pull down lock ring.
- Meets or exceeds ASME B107.14M-1994, ISO 6789 standards.

Dual Readout - Inch Pound & Nm					
Part Number	Square Drive	Torque Range	Increments	Weight	Overall Length
501MRMH	1/4"	10-50 in-lbs	1	0.85 lbs (0.4 kgs)	10" (25.4 cm)
2002MRMH	3/8"	30-200 in-lbs	1	0.85 lbs (0.4 kgs)	10-1/8" (25.6 cm)

Single Readout - Inch Pound					
Part Number	Square Drive	Torque Range	Increments	Weight	Overall Length
7502MRMH	3/8"	100-175 in-lbs	5	2.5 lbs (1.1 kgs)	15-1/2" (39.4 cm)
10002MRMH	3/8"	150-1000 in-lbs	5	2.5 lbs (1.1 kgs)	15-3/4" (40.0 cm)

Single Readout - Foot Pound					
Part Number	Square Drive	Torque Range	Increments	Weight	Overall Length
752MFRMH	3/8"	5-75 ft-lbs	0.5	2.5 lbs (1.1 kgs)	15-1/2" (39.4 cm)
1503MFRMH	1/2"	20-150 ft-lbs	1	3.2 lbs (1.4 kgs)	19" (48.3 cm)
2503MFRMH	1/2"	30-250 ft-lbs	1	3.2 lbs (1.4 kgs)	24-3/8" (61.9 cm)
6004MFRMH	3/4"	100-600 ft-lbs	5	9.0 lbs (4.1 kgs)	42" (106.6 cm)
10005MFRMH*	1"	200-1000 ft-lbs	5	25.1 lbs (11.4 kgs)	70" (177.8 cm)

\* Includes one extension handle & is packed in a metal box.

## Ratchet Offset Screwdriver Set



- Nickel plated steel ratchet drive handle reverses instantly.
- Tool is hardened & tempered steel with black oxide bits.

*Conforms To Government Spec GGG-S-1408*

### Screwdriver Set:

Reversible Ratchet Screwdriver Handle, Two Cross Point Bits (#1 & 2) & Two Straight Bits (1/4" & 3/8")

Part Number	Description
70441	Complete 5 PC Set

## Gearwrench® 6PC Combo Screwdriver Set



**NEW**

*Oil And Solvent Resistant*

- Tri-lobe, dual material handles for comfort and performance.
- Black oxide non-slip tips and laser etched size on shanks.

Part Number	Included Screwdrivers
80050	3 Slotted (1/8" x 3", 1/4" x 4, 5/16" x 6") 3 Phillips (3/8" x 8", #1 x 3, #2 x 4")

## Gearwrench® 6PC Convertible Snap Ring Plier Set

*Includes Popular Tip Diameters*



*Cam-Lock Style*

**NEW**

*Cushion Grip Handles*

- Fits internal and external rings from 1/4" to 2" in diameter.
- Patented quick change design for easy, one-step conversion.

Part Number	Included Tips
3859D	0.038", 0.047 & 0.070" (3 in both 18° and 90° tips)

**Williams® T-Handle Ratcheting Screwdrivers**

*Includes #2  
Phillips Bit*

*Comfort Grip  
T-Handle*



WRST4

- Heavy-duty 3 way (on-off-locked) ratcheting mechanism.
- Ergonomically designed hi-impact plastic t-handle.
- Stainless steel shank accepts all standard 1/4" hex bits.

Part Number	Blade Length	Overall Length
WRST1	2" (51 mm)	3-7/8" (98 mm)
WRST4	3-7/8" (98 mm)	5-13/16" (148 mm)
WRST8	7-7/8" (200 mm)	9-13/16" (249 mm)

**Williams® Magnetic Ratcheting Screwdriver**



- Heavy-duty 3 way (on-off-locked) ratcheting mechanism.
- Stainless steel shank with powerful holding magnet.
- Ergonomically designed hi-impact plastic handle.
- Accepts all standard 1/4" hex bits, easy bit storage in handle.

Part Number	Included Bits	Overall Length
WRS-1	2 Slotted, T-15 Torx, #1 & #2 Phillips	9" (229 mm)

**Gearwrench® 6PC Mini Torx Screwdriver Set**

**NEW**



- Tri-lobe, dual material handles for comfort and performance.
- Black oxide non-slip tips and color coded caps.

Part Number	Included Tips
80056	T-5 to T10 x 60mm

**Ratchet Screwdriver Kit**

*A Wide Variety  
Of The Most  
Used Adapters*



*Crush  
Resistant  
Case*

**Includes:**

Ratchet Wrench, Extension, Screwdriver Handle, Twelve Allen Hex Adapters (.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" & 5/16"), Two Slotted Head Adapters (1/4" & 3/8"), Two Phillips Head Adapters (#1 & #2), Square Drive Adapter & Molded Plastic Case

Part Number	Description
12-733	Complete 20 PC Set

**Jet® Adjustable Clutch Screwdrivers**

*Quick Action Reversing Valve*

JSM-8372



*Industrial Grade Construction*

- Ergonomic handle design & muffled handle rear exhaust.
- Quick change chuck & variable speed trigger for positive control.
- Ball & needle bearing construction for more efficient performance.

*Rotating  
Air Inlet*

Pistol Grip - 0.5 hp (0.37 kW) - 1/4" Capacity - 1800 RPM			
Part Number	Max. Torque	Weight	Overall Length
JSM-8272	45 in-lbs	2.8 lbs (1.2 kgs)	7-3/4" (216 mm)

Pistol Grip - 0.5 hp (0.37 kW) - 1/4" Capacity - 800 RPM			
Part Number	Max. Torque	Weight	Overall Length
JSM-8372	45 in-lbs	3 lbs (1.2 kgs)	8-3/8" (216 mm)

## ASSEMBLY TOOLS

### Desoutter® Adjustable Clutch Screwdrivers



*Powerful & Efficient  
Dryline™ Motor*

*Comfortable  
Composite Grip*

SCP021-T2300-S4Q

- Designed to handle high-volume assembly line tasks.
- Ergonomically designed housing is low vibration & lightweight.
- Many other styles available, please inquire.

Pistol Grip Shut-Off Type - 1/4" Capacity - 1100 RPM			
Part Number	Torque Range	Weight	Overall Length
SCP043-T1100-S4Q	3.5 to 38 in-lbs	1.8 lbs (0.8 kgs)	9" (229 mm)

Pistol Grip Shut-Off Type - 1/4" Capacity - 2300 RPM			
Part Number	Torque Range	Weight	Overall Length
SCP021-T2300-S4Q	3.5 to 18.6 in-lbs	1.9 lbs (0.86 kgs)	9" (229 mm)

### Sioux® Adjustable Clutch Screwdrivers

SSD6P25AC



*Low Sound & Vibration Levels*

- Lightweight aluminum housing with ergonomic handle & soft textured grip.
- Three idler gear system for increased tool life & load capacity.
- With teasing throttle & adjustable clutch.

Pistol Grip - 0.6 hp (0.45 kW) - 1/4" Capacity - 2500 RPM			
Part Number	Max. Torque	Weight	Overall Length
SSD6P25AC	40 in-lbs	2.6 lbs (1.2 kgs)	8-1/2" (216 mm)

Pistol Grip - 0.6 hp (0.45 kW) - 1/4" Capacity - 1200 RPM			
Part Number	Max. Torque	Weight	Overall Length
SSD6P12AC	100 in-lbs	3.0 lbs (1.4 kgs)	10-1/4" (260 mm)

Pistol Grip - 1.0 hp (0.75 kW) - 1/4" Capacity - 700 RPM			
Part Number	Max. Torque	Weight	Overall Length
SSD10P7AC	140 in-lbs	3.2 lbs (1.5 kgs)	10-1/4" (260 mm)

### Sioux® Adjustable Clutch Screwdrivers (cont'd)

SSD10P12AC



Lever Grip - 1.0 hp (0.75 kW) - 1/4" Capacity - 1200 RPM			
Part Number	Max. Torque	Weight	Overall Length
SSD10S12AC	120 in-lbs	2.8 lbs (1.3 kgs)	12-1/4" (311 mm)

### Apex® ACR Anti-Camout Phillips Insert Bits

*Prevents Work  
Damage*



*Allows Higher  
Torque*

Special wing-face ribs grip screw recesses to prevent stripping.

1/4" Hex Insert ACR, 1" Overall Length		
Part Number	Type	Point Size
440-1-ACR1-RX	Removal	1
440-1-ACR1-DX	Driving	1
440-1-ACR1X	Driving & Removal	1
440-2-ACR2-RX	Removal	2
440-2-ACR2-DX	Driving	2
440-2-ACR2X	Driving & Removal	2
446-2-ACR2-DX	Driving (limited clearance)	2
440-3-ACR3-RX	Removal	3
440-3-ACR3-DX	Driving	3
440-3-ACR3X	Driving & Removal	3

1/4" Hex Insert ACR, 2" Overall Length		
Part Number	Type	Point Size
440-22-ACR2-RX	Removal	2
440-22-ACR2X	Driving & Removal	2

5/16" Hex Insert ACR, 1-1/4" Overall Length		
Part Number	Type	Point Size
480-2-ACR2-RX	Removal	2
480-2-ACR2X	Driving & Removal	2
480-3-ACR3X	Driving & Removal	3
480-4-ACR4-RX	Removal	4
480-4-ACR4X	Driving & Removal	4



*For Screw & Bolt Removal Tools See Pages 228-229*

Apex® Phillips Insert Bits



Note: Many other sizes available, please inquire.

1/4" Hex Drive, 1" O.A.L.		5/16" Hex Drive, 1-1/4" O.A.L.	
Part Number	Point Size	Part Number	Point Size
440-1X	1	480-2X	2
440-2X	2	480-3X	3
440-3X	3	480-4X	4

Apex® Limited Clearance Phillips Insert Bits



Great For Shallow Screw Recesses

1/4" Hex Insert, 1" Overall Length			
Part No.	Point Size	Turned Length (A)	Turned OD (B)
446-0X	0	7/16" (11.1 mm)	.108" (4.1 mm)
446-1X	1	7/16" (11.1 mm)	.108" (4.1 mm)
446-2X	2	7/16" (11.1 mm)	.108" (4.1 mm)

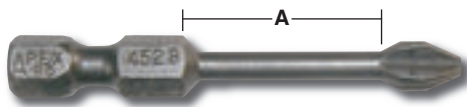
Apex® Phillips Power Drive Bits



Note: Many other sizes available, please inquire.

1/4" Hex Power Drive			1/4" Hex Power Drive		
Part Number	Point Size	Overall Length	Part Number	Point Size	Overall Length
491X	1	1-15/16"	493-AX	3	2-3/4"
492X	2	1-15/16"	491-BX	1	3-1/2"
493X	3	1-15/16"	492-BX	2	3-1/2"
491-AX	1	2-3/4"	493-BX	3	3-1/2"
492-AX	2	2-3/4"			

Apex® ACR Harpoon Phillips Power Drive Bits



With ACR anti-camout wing-face ribs for better grip.

1/4" Hex Power Drive ACR				
Part Number	Point Size	Body Diameter	Turned Length (A)	Overall Length
SD-4528-2-ACR2	2	9/64" (3.5 mm)	1-1/8" (28 mm)	1-15/16" (49 mm)
SD-4528-1-ACR2	2	9/64" (3.5 mm)	1-7/8" (48 mm)	2-3/4" (70 mm)
SD-5100	2	9/64" (3.5 mm)	3" (76 mm)	6" (152 mm)

Apex® Slotted Insert Bits



Note: Many other sizes available, please inquire.

1/4" Hex Insert, 1" Overall Length			
Part Number	Screw Size	Blade Thickness	Blade Width
445-1X	4F-5R	.034"	3/16"
445-2X	6F-8R	.040"	7/32"
445-3X	8F-10R	.042"	1/4"
445-4X	10F-12R	.046"	9/32"

1/4" Hex Insert, 1-1/2" Overall Length			
Part Number	Screw Size	Blade Thickness	Blade Width
445-5X	12F-14R	.050"	5/16"
445-6X	14F-16R	.055"	23/64"

5/16" Hex Insert, 1-1/2" Overall Length			
Part Number	Screw Size	Blade Thickness	Blade Width
485-1X	4F-5R	.034"	3/16"
485-2X	6F-8R	.040"	7/32"
485-3X	8F-10R	.042"	1/4"
485-4X	10F-12R	.046"	.296"

Apex® Hi-Torque Bits



1/4" Hex Insert, 1-1/4" Overall Length				
Part Number	Screw Size	Body Diameter	Blade Thickness	Blade Width
HTN-B-1	1	9/32"	.049"	.274"
HTN-B-2	2	5/16"	.059"	.295"
HTN-B-3	3	3/8"	.059"	.377"
HTN-B-4	4	1/2"	.073"	.502"

1/4" Square Drive Insert, 1" Overall Length				
Part Number	Screw Size	Body Diameter	Blade Thickness	Blade Width
HTS-0	0	1/2"	.029"	.167"
HTS-1	1	1/2"	.049"	.274"
HTS-2	2	1/2"	.059"	.295"
HTS-3	3	1/2"	.059"	.377"
HTS-4	4	1/2"	.073"	.502"

3/8" Square Drive Insert					
Part Number	Screw Size	Body Diameter	Blade Thickness	Blade Width	Overall Length
HTS-3A	1	3/4"	.059"	.377"	1"
HTS-4A	2	3/4"	.073"	.502"	1"
HTS-5	3	3/4"	.079"	.629"	1-1/4"
HTS-6	4	3/4"	.095"	.745"	1-1/4"

# ASSEMBLY TOOLS

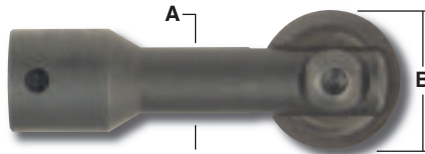
## Apex® Hi-Torque Bits (cont'd)



1/2" Square Drive Insert					
Part Number	Screw Size	Body Diameter	Blade Thickness	Blade Width	Overall Length
HTS-7	7	1"	.112"	.884"	1-5/8"
HTS-8	8	1"	.142"	.995"	1-5/8"
HTS-9	9	1-1/4"	.162"	1.136"	1-5/8"
HTS-10	10	1-1/4"	.182"	1.250"	1-5/8"
HTS-12*	12	1-1/4"	.216"	1.500"	2-3/8"

\* HTS-12 is 3/8" square drive (special order).

## 2 PC Replaceable Blade Hi-Torque Drivers



Made In The USA

- Hardened & shock resistant tool steel replaceable blades.
- Blades can also be turned several times for longer life.
- Meets gov't specs MIL-B-9946E, MIL-B-9946/2 & ANSI B107.4.

1/4" Square Drive Socket, 1/2" Shank Dia. (A)				
Complete Assembly	Blade Only	Bolt Nom. Diameter	Blade Dia. (B)	Overall Length
HT3202M	HTB2M	#8	0.500"	1.25" (32 mm)
HT3203M	HTB3M	#10	0.552"	1.36" (35 mm)

3/8" Square Drive Socket, 3/4" Shank Dia. (A)				
Complete Assembly	Blade Only	Bolt Nom. Diameter	Blade Dia. (B)	Overall Length
HT3204M	HTB4M	1/4"	0.864"	2.67" (68 mm)
HT3205M	HTB5M	5/16"	0.990"	2.73" (69 mm)
HT3206M	HTB6M	3/8"	1.240"	2.73" (69 mm)

1/2" Square Drive Socket, 1" Shank Dia. (A)				
Complete Assembly	Blade Only	Bolt Nom. Diameter	Blade Dia. (B)	Overall Length
HT3406M	HTB6M	3/8"	1.240"	3.17" (81 mm)
HT3407M	HTB7M	7/16"	1.375"	3.23" (82 mm)
HT3408M	HTB8M	1/2"	1.500"	3.30" (84 mm)
HT3409M	HTB9M	9/16"	1.750"	3.42" (87 mm)
HT3410M	HTB10M	5/8"	2.000"	3.55" (90 mm)

1/4" Hex Drive, 1/2" Shank Dia. (A)				
Complete Assembly	Blade Only	Bolt Nom. Diameter	Blade Dia. (B)	Overall Length
HT4403M	HTB3M	#10	0.552"	3.50" (89 mm)
HT4404M	HTB4M	1/4"	0.864"	3.50" (89 mm)

## APEX® Torx Bits



Note: Other sizes & styles available, please inquire.

1/4" Hex Insert, 1" Overall Length		
Part Number	Driver Size	Point Diameter
440-TX-05X	T-5	.055"
440-TX-06X	T-6	.065"
440-TX-07X	T-7	.077"
440-TX-08X	T-8	.090"
440-TX-09X	T-9	.097"
440-TX-10X	T-10	.107"
440-TX-15X	T-15	.128"
440-TX-20X	T-20	.151"
440-TX-25X	T-25	.173"
440-TX-27X	T-27	.195"
440-TX-30X	T-30	.216"
440-TX-40X	T-40	.260"
440-TX-45X	T-45	.306"
440-TX-50X	T-50	.346"



5/16" Hex Insert, 1-1/4" Overall Length		
Part Number	Driver Size	Point Diameter
480-TX-25X	T-25	.173"
480-TX-27X	T-27	.195"
480-TX-30X	T-30	.216"
480-TX-40X	T-40	.260"
480-TX-45X	T-45	.306"
480-TX-50X	T-50	.346"
480-TX-55X	T-55	.440"

## APEX® Socket Head Bits



Note: Other sizes avail., please inquire.

1/4" Hex Insert, 1" O.A.L.	
Part Number	Hex Size
185-0X	5/64"
185-1X	3/32"
185-9X	7/64"
185-2X	1/8"
185-10X	9/64"

1/4" Hex Insert, 1-5/16" O.A.L.	
Part Number	Hex Size
185-3X	5/32"
185-4X	3/16"
185-5X	7/32"
185-6X	1/4"

1/4" Hex Insert, 1-1/4" O.A.L.	
Part Number	Hex Size
185-7X	5/16"
185-8X	3/8"



Apex® Torq-Set Bits



1/4" Hex Insert, 1" Overall Length	
Part Number	Point Size
212-0	0
212-1	1
212-2	2
212-3	3
212-4	4
212-5	5
212-6	6
212-8	8
212-10	10
212-1/4	1/4"

5/16" Hex Insert, 1-1/4" Overall Length	
Part Number	Point Size
212-8A	8
212-10A	10
212-1/4A	1/4"
212-5/16A	5/16"
212-3/8A	3/8"

5/16" Hex Insert ACR*, 1-1/4" Overall Length	
Part Number	Point Size
212-1/4A-ACR	1/4"
212-5/16A-ACR	5/16"

1/4" Hex Insert ACR*, 1-1/4" Overall Length	
Part Number	Point Size
212-6-ACR	6
212-8-ACR	8
212-10-ACR	10
212-1/4-ACR	1/4"

5/16" Hex Power Drive, 1-1/4" Overall Length	
Part Number	Point Size
170-8A	8
170-10A	10
170-1/4A	1/4"
170-5/16A	5/16"
170-3/8A	3/8"

1/4" Hex Power Drive, 1-1/4" Overall Length	
Part Number	Point Size
170-0	0
170-1	1
170-2	2
170-3	3
170-4	4
170-5	5
170-6	6
170-6-ACR*	6
170-8	8
170-8-ACR*	8
170-10	10
170-10-ACR*	10
170-1/4B	1/4"
170-5/16B	5/16"
170-3/8B	3/8"

7/16" Hex Power Drive, 1-1/4" Overall Length	
Part Number	Point Size
170-1/4	1/4"
170-5/16	5/16"
170-3/8	3/8"
170-3/8C	3/8"
170-7/16	7/16"
170-7/16C	7/16"

7/16" Hex Power Drive ACR*, 1-1/4" Overall Length	
Part Number	Point Size
170-1/4-ACR	1/4"
170-5/16-ACR	5/16"

5/8" Hex Power Drive, 1-1/4" Overall Length	
Part Number	Point Size
170-1/2	1/2"
170-9/16	9/16"
170-5/8	5/8"

\* ACR anti-camout ribs for removal only.

Apex® Tri-Wing Bits



1/4" Hex Insert, 1" Overall Length			
Part Number	Point Size	Screw Size Tension Head	Screw Size Shear Head
TWD-0	0	0-80	—
TWD-1	1	2-56	4-40
TWD-2	2	4-40	6-32
TWD-3	3	6-32	8-32
TWD-4	4	8-32	10-32
TWD-5	5	10-32	1/4"-28
TWD-6	6	1/4"	5/16"
TWD-7	7	5/16"	3/8"

1/4" Hex Insert ACR*, 1-1/4" Overall Length			
Part Number	Point Size	Screw Size Tension Head	Screw Size Shear Head
TWD-4-ACR	4	8-32	10-32
TWD-5-ACR	5	10-32	1/4"-28

\* ACR anti-camout ribs for removal only.

1/4" Hex Power Drive, 1-1/4" Overall Length			
Part Number	Point Size	Screw Size Tension Head	Screw Size Shear Head
TW-0	0	0-80	—
TW-1	1	2-56	4-40
TW-2	2	4-40	6-32
TW-3	3	6-32	8-32
TW-4	4	8-32	10-32
TW-5	5	10-32	1/4"-28
TWB-6	6	1/4"-28	5/16"-24
TWB-7	7	5/16"-24	3/8"-24
TWB-8	8	3/8"-24	7/16"-20

Apex® Bit Extensions



1/4" Male Hex Drive with 1/4" Male Square		
Part Number	Lock Type	Overall Length
EX-250	Pin	1-3/8"
EX-250-B	Ball	1-3/8"
EX-250-2	Pin	2"

1/4" Male Hex Drive with 3/8" Male Square		
Part Number	Lock Type	Overall Length
EX-370	Pin	1-5/8"
EX-370-B	Ball	1-5/8"
EX-370-2	Pin	2"